

ABSTRACT

An image-forming device includes a media sensor having a light-emitting element and a light-receiving element for detecting edge positions of a paper based on values outputted from the light-receiving element as the target detection area of the media sensor is moved in relation to the paper. The value of a current to be supplied to the light-emitting element for edge detection is determined in the following manner. First, the media sensor is moved to the center of the paper-conveying path (S110). Then, the paper is conveyed to a prescribed position (S120-S150). Next, the value of the current that should be supplied to the light-emitting element (light amount adjusting value) in order that output from the light-receiving element will reach a desired value is determined at a position A on the paper at which the target detection area of the media sensor is being presently located (S160, S170). The target detection area is subsequently moved to a position B and a position C, while repeating the process to determine the light amount adjusting value (S180-S230). Finally, the paper edge detecting current is set to the smallest of the light amount adjusting values determined at positions A-C (S240).